IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A hot-rolled wire rod consisting essentially of (in mass%):

C: 0.6 to 1.0%,

Si: 0.1 to 1.5% 0.1 to 0.85%,

Mn: 0.3 to 1.0%,

P: 0.02% or less 0.01% or less,

S: 0.02% or less, and

at least one element selected from the group consisting of Nb, V, Ti, Hf and

Zr: 0.1% or less (excluding zero) in total;

wherein said hot-rolled wire rod is

5.0 mm or more in diameter;

not less than 90% of said wire rod in area percentage comprises a pearlite structure; and

the mechanical properties of said wire rod 4 m in length satisfy the following expressions (1) to (4):

(1) TS*-30 \leq Average value of tensile strength (TS_{AV} in MPa) \leq TS*+30,

where, $TS^* = 400x\{[C]+([Mn]+[Si])/5\}+670$ and the elements in square brackets [] in the equation mean the contents of relevant elements in percentage,

- (2) Standard deviation of tensile strength (TS σ) \leq 30 MPa,
- (3) Average value of reduction of area $(RA_{AV}) > 35\%$,
- (4) Standard deviation of reduction of area (RA σ) \leq 4%.

Claim 2 (Original): A hot-rolled wire rod according to claim 1, wherein the average diameter of nodules in said pearlite structure is 10 μ m or less.

Claim 3 (Previously Presented): A hot-rolled wire rod according to claim 1, said wire rod further comprising:

Cr: 0.3% or less (excluding zero) and/or

Ni: 0.3% or less (excluding zero).

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Claim 4 (Canceled).

Claim 5 (Previously Presented): A hot-rolled wire rod according to claim 1, said wire rod further comprising N controlled to 0.01% or less.

Claim 6 (Previously Presented): A hot-rolled wire rod according to claim 1, said wire rod further comprising Al and Mg controlled to 0.05% or less and 0.01% or less, respectively.

Claim 7 (Canceled).

Claim 8 (Currently Amended): A hot-rolled wire rod consisting essentially of (in mass%):

C: 0.6 to 1.0%,

Si: 0.1 to 1.5% 0.1 to 0.85%,

Mn: 0.3 to 1.0%,

P: 0.02% or less 0.01% or less,

S: 0.02% or less, and

B: 0.001 to 0.005%;

wherein said hot-rolled wire rod is

5.0 mm or more in diameter;

not less than 90% of said wire rod in area percentage comprises a pearlite structure; and

the mechanical properties of said wire rod 4 m in length satisfy the following expressions (1) to (4):

- (1) TS*-30 \leq Average value of tensile strength (TS_{AV} in MPa) \leq TS*+30,
- where, $TS^* = 400x\{[C]+([Mn]+[Si])/5\}+670$ and the elements in square brackets [] in the equation mean the contents of relevant elements in percentage,
 - (2) Standard deviation of tensile strength (TS σ) \leq 30 MPa,
 - (3) Average value of reduction of area $(RA_{AV}) > 35\%$,
 - (4) Standard deviation of reduction of area (RA σ) \leq 4%.

Claim 9 (Previously Presented): A hot-rolled wire rod according to claim 8, wherein the average diameter of nodules in said pearlite structure is 10 μ m or less.

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Claim 10 (Previously Presented): A hot-rolled wire rod according to claim 8, said wire rod further comprising:

Cr: 0.3% or less (excluding zero) and/or

Ni: 0.3% or less (excluding zero).

Claim 11 (Previously Presented): A hot-rolled wire rod according to claim 8, said wire rod further comprising N controlled to 0.01% or less.

Claim 12 (Previously Presented): A hot-rolled wire rod according to claim 8, said wire rod further comprising Al and Mg controlled to 0.05% or less and 0.01% or less, respectively.

Claim 13 (Currently Amended): A hot-rolled wire rod consisting essentially of (in mass%):

C: 0.6 to 1.0%,

Si: 0.1 to 1.5% 0.1 to 0.85%,

Mn: 0.3 to 1.0%,

P: 0.02% or less 0.01% or less,

S: 0.02% or less,

B: 0.001 to 0.005%, and

at least one element selected from the group consisting of Nb, V, Ti, Hf and

Zr: 0.1% or less (excluding zero) in total;

wherein said hot-rolled wire rod is

5.0 mm or more in diameter;

not less than 90% of said wire rod in area percentage comprises a pearlite structure; and

the mechanical properties of said wire rod 4 m in length satisfy the following expressions (1) to (4):

(1) TS*-30 \leq Average value of tensile strength (TS_{AV} in MPa) \leq TS*+30,

where, $TS^* = 400x\{[C]+([Mn]+[Si])/5\}+670$ and the elements in square brackets [] in the equation mean the contents of relevant elements in percentage,

- (2) Standard deviation of tensile strength (TS σ) \leq 30 MPa,
- (3) Average value of reduction of area $(RA_{AV}) > 35\%$,
- (4) Standard deviation of reduction of area (RA σ) \leq 4%.

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Claim 14 (Previously Presented): A hot-rolled wire rod according to claim 13, wherein the average diameter of nodules in said pearlite structure is 10 μ m or less.

Claim 15 (Previously Presented): A hot-rolled wire rod according to claim 13, said wire rod further comprising:

Cr: 0.3% or less (excluding zero) and/or

Ni: 0.3% or less (excluding zero).

Claim 16 (Previously Presented): A hot-rolled wire rod according to claim 13, said wire rod further comprising N controlled to 0.01% or less.

Claim 17 (Previously Presented): A hot-rolled wire rod according to claim 13, said wire rod further comprising Al and Mg controlled to 0.05% or less and 0.01% or less, respectively.

Claim 18 (Currently Amended): A hot-rolled wire rod obtained by hot rolling a steel composition comprising (in mass%):

C: 0.6 to 1.0%,

Si: 0.1 to 1.5% 0.1 to 0.85%,

Mn: 0.3 to 1.0%,

P: 0.02% or less 0.01% or less, and

S: 0.02% or less;

performing a first cooling of the wire rod at an average cooling rate of 8 to 20°C/sec in a temperature range of from 900 to 670°C; and

performing a second cooling of the wire rod at an average cooling rate of 1 to 5°C/sec in a temperature range of from 670 to 500°C;

wherein said hot-rolled wire rod is

5.0 mm or more in diameter;

not less than 90% of said wire rod in area percentage comprises a pearlite structure; and

the mechanical properties of said wire rod 4 m in length satisfy the following expressions (1) to (4):

(1) TS*-30 \leq Average value of tensile strength (TS_{AV} in MPa) \leq TS*+30,

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where, $TS^* = 400x\{[C]+([Mn]+[Si])/5\}+670$ and the elements in square brackets [] in the equation mean the contents of relevant elements in percentage,

- (2) Standard deviation of tensile strength (TS σ) \leq 30 MPa,
- (3) Average value of reduction of area $(RA_{AV}) > 35\%$,
- (4) Standard deviation of reduction of area $(RA\sigma) \le 4\%$.

SUPPORT FOR THE AMENDMENTS

Claims 1-3, 5, 6 and 8-18 are pending. Claims 1, 8, 13 and 18 are currently amended to change the Si content from 0.1-1.5% to 0.1-0.85% (see specification: Steel No. 3, Table 2, page 36), and to change the P content from 0.02% or less to 0.01% or less (see specification: page 14, lines 3-9). No new matter has been entered.